

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101920\
 Data File : VW016943.D
 Acq On : 19 Oct 2020 16:05
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02516

Quant Time: Oct 20 08:50:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 08:48:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	487212	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	446279	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	228224	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	103253	21.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.92%
7) Chloroethane-d5	2.89	69	92918	23.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.20%
10) 1,1-Dichloroethene-d2	4.03	63	243979	23.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.60%
20) 2-Butanone-d5	7.09	46	52802	48.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.00%
24) Chloroform-d	7.65	84	267555	26.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.08%
26) 1,2-Dichloroethane-d4	8.31	65	122508	24.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.68%
29) Benzene-d6	8.27	84	507061	25.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.08%
33) 1,2-Dichloropropane-d6	9.27	67	143073	26.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.08%
37) Toluene-d8	10.32	98	474111	24.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.16%
38) trans-1,3-Dichloropropene-	10.58	79	59347	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.80%
39) 2-Hexanone-d5	10.93	63	44210	52.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115258	26.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	186290	25.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.92%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	130160	22.351	ug/L 98
3) Chloromethane	2.21	50	111069	21.637	ug/L 96
5) Vinyl chloride	2.37	62	182758	27.424	ug/L 99
6) Bromomethane	2.79	94	122510	25.006	ug/L 100
8) Chloroethane	2.93	64	107500	26.136	ug/L 99
9) Trichlorofluoromethane	3.26	101	143397	27.849	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	179657	27.388	ug/L 99
12) 1,1-Dichloroethene	4.04	96	171086	27.160	ug/L 98
13) Acetone	4.14	43	35498	43.088	ug/L 98
14) Carbon disulfide	4.39	76	460084	25.472	ug/L 99
15) Methyl Acetate	4.68	43	46589	23.668	ug/L 100
16) Methylene chloride	4.92	84	164306	24.436	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	187097	26.542	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	173154	26.312	ug/L 94
19) 1,1-Dichloroethane	6.22	63	278936	27.524	ug/L 100
21) 2-Butanone	7.18	43	58798	42.514	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	181819	27.077	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	83013	26.326	ug/L	97
25) Chloroform	7.68	83	299784	27.393	ug/L	98
27) 1,2-Dichloroethane	8.40	62	168671	25.764	ug/L	99
30) Cyclohexane	7.96	56	243333	26.292	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	258538	27.242	ug/L	100
32) Carbon tetrachloride	8.07	117	252231	27.235	ug/L	99
34) Benzene	8.32	78	648810	27.072	ug/L	100
35) Trichloroethene	9.09	95	180276	26.593	ug/L	100
36) Methylcyclohexane	9.34	83	301302	26.434	ug/L	100
40) 1,2-Dichloropropane	9.37	63	148086	27.326	ug/L	100
41) Bromodichloromethane	9.65	83	203345	26.710	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	234596	27.152	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	132414	48.534	ug/L	99
44) Toluene	10.39	91	719604	27.066	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	193841	26.661	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	114231	25.930	ug/L	98
47) Tetrachloroethene	10.87	164	165089	26.268	ug/L	95
49) 2-Hexanone	10.97	43	88294	49.030	ug/L	100
50) Dibromochloromethane	11.13	129	145677	26.600	ug/L	100
51) 1,2-Dibromoethane	11.24	107	109397	25.270	ug/L	96
52) Chlorobenzene	11.66	112	481778	27.002	ug/L	97
53) Ethylbenzene	11.73	91	819683	27.483	ug/L	99
54) m,p-Xylene	11.84	106	318765	27.481	ug/L	99
55) o-xylene	12.17	106	303666	27.400	ug/L	99
56) Styrene	12.18	104	510774	27.929	ug/L	98
57) Isopropylbenzene	12.47	105	840408	27.693	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	122802	25.223	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	87651	24.852	ug/L	100
62) Bromoform	12.35	173	80263	25.000	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	390176	26.863	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	385503	26.539	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	343956	26.448	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	18624	23.609	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	292968	27.135	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	231108	26.061	ug/L	97
69) Naphthalene	15.37	128	379181	25.822	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	199573	26.190	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

